

grants & you

a publication of ATSU Sponsored Programs

February 2014

A. T. STILL UNIVERSITY | ATSU

Grant Proposals

Funded

****Jack Dillenberg, DDS, MPH, ASDOH,** “Dental Faculty Development in Underserved Healthcare – Year 2 (subcontract with University of California – San Diego), HRSA, \$32,627, July 2013 – June 2014.

****Michael French and Janet Head, EdD, RN, KCOM-AHEC,** “Primary Care Resources Initiative for Missouri/ Access to Community Care Services (PRIMO/ACCS),” Missouri Department of Health and Senior Services, \$485,000, July 2013 – June 2014.

Sabah Kalamchi, DDS, FFDRCS, ASDOH, “URM Recruitment,” subaward through University of the Pacific, \$12,000, October 2013 – September 2014.

***Debra Loguda Summers and Heather Rudy, MA,** Museum of Osteopathic Medicine, “Disaster Training and Supplies for Museum of Osteopathic Medicine and International Center for Osteopathic History,” National Endowment for the Humanities – Preservation Assistance, \$5,998, January 2014 – December 2014.

William Sexton, PhD, KCOM Biomedical Sciences, “Hollister – KCOM Clinical Research Fellowship for 2014-2015,” Hollister Inc., \$23,500, July 2014 – June 2015.

William Sexton, PhD, KCOM Physiology, “Visualization of Cardiac Function using Real-Time Ultrasound and ECG,” KOAA/KCOM, \$8,950, January 2014 – December 2014.

Submitted (Pending)

***Christopher Halliday, DDS, MPH, MOSDOH,** “Establishment of a High-Need Dental Education Clinic in St. Louis,” Missouri Foundation for Health, \$1,000,000, April 2014 – December 2014.

***Jason Haxton, MA,** Museum of Osteopathic Medicine, “Phase 1 of Interactive Website Design for the Museum of Osteopathic Medicine,” American Osteopathic Foundation, \$19,850, March 2014 – February 2015.

****John Heick, PT, DPT, OCS, NCS, ASHS Physical Training and Tamara Valovich McLeod, PhD, ATC, FNATA, ASHS Athletic Training,** “Test-retest Reliability and Concurrent Validity of the King-Devick Test in Healthy Individuals,” American Physical Therapy Association – Sports Physical Therapy Section Legacy Fund, \$5,000, February 2014 – October 2014.

***Debra Loguda Summers and Heather Rudy, MA,** Museum of Osteopathic Medicine, “Osteopathic Collection Catalogue Project,” Institute of Museum and Library Sciences – Museums of America, \$150,000, October 2014 – September 2016.

*Full proposal development and support provided by the ATSU Sponsored Programs team

**Technical support provided by the ATSU Sponsored Programs/Research Support team(s)

Upcoming Deadlines

February 28, 2014 [Robert Wood Johnson Foundation Clinical Scholars 2013-2014 Call for Proposals](#)

April 1, 2014 [ATSU Intramural Funding Opportunities Application](#)

[ATSU]

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Funding Opportunity Announcements

NIH Recently Released Grant Opportunities

The following table lists RFAs, PAs, and PARs recently released by the National Institutes of Health. If any of these opportunities are of interest to you, contact Sponsored Programs or Research Support at ext. 2860. Grant guidelines and submission deadlines for all active NIH funding opportunities are available at: <http://grants.nih.gov/grants/guide/index.html>.

Research Grants (R Series)

Program title	Funding opportunity number/web link
NIH Small Grant Programs (R03)	
Indo-US Collaborative Program on Affordable Medical Devices	PAR-13-390
NCI Small Grants Program for Cancer Research (NCI Omnibus)	PAR-14-007
Secondary Data Analyses to Explore NIMH Research Domain Criteria	PAR-14-008
Juvenile Protective Factors and Their Effects on Aging	PAR-14-022
Women & Sex/Gender Differences in Drug and Alcohol Abuse/Dependence	PA-14-037
Mechanisms of Behavior Change in the Treatment of Alcohol Use Disorders	PAR-14-052
NIH Research Project Grant Programs (R01)	
New Computational Methods for Understanding the Functional Role of DNA Variants that are Associated with Mental Disorders (Collaborative)	PAR-13-391
New Computational Methods for Understanding the Functional Role of DNA Variants that are Associated with Mental Disorders	PAR-13-392
Seeding Collaborations for Translational Research to Discover and Develop New Therapies for Diseases and Conditions within NIDDK's Mission (Revisions)	PAR-14-006
NIDCD Research Grants for Translating Basic Research into Clinical Tools	PAR-14-009
Genomic Underpinnings of Response to Rehabilitation Interventions	PAR-14-011
Revision Applications for Research on Genomic Underpinnings of Response to Rehabilitation Interventions	PAR-14-012
Functional Genetics, Epigenetics, and Non-coding RNAs in Substance Abuse	PA-14-014
Public Health Impact of the Changing Policy/Legal Environment for Marijuana	PAS-14-020
Discovering Novel Targets: The Molecular Genetics of Drug Addiction and Related Co-Morbidities	PA-14-025
Basic Mechanisms of Brain Development for Substance Use and Dependence	PA-14-026
Chronic Illness Self-Management in Children and Adolescents	PA-14-029
Reducing Health Disparities Among Minority and Underserved Children	PA-14-033
Women & Sex/Gender Differences in Drug and Alcohol Abuse/Dependence	PA-14-038
NIH Revision Awards for Creating Virtual Consortium for Translational/Transdisciplinary Environmental Research (ViCTER)	PAR-14-050
Mechanisms of Behavior Change in the Treatment of Alcohol Use Disorders	PAR-14-051
Genetic Susceptibility & Variability of Human Structural Birth Defects	PA-14-056
Research Demonstration and Dissemination Projects (R18)	
Advancing Patient Safety Implementation through Safe Medication Use Research	PA-14-002
Advances in Patient Safety through Simulation Research	PA-14-004

Research Grants (R Series) *continued***NIH Exploratory/Developmental Research Grant Awards (R21)**

Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology (IT)	PA-14-001
Early-Stage Innovative Molecular Analysis Technology Development for Cancer Research	RFA-CA-14-003
Early-Stage Development of Innovative Technologies for Biospecimen Science	RFA-CA-14-005
Functional Genetics, Epigenetics, and Non-coding RNAs in Substance Abuse	PA-14-013
Chronic Illness Self-Management in Children and Adolescents	PA-14-030
Reducing Health Disparities Among Minority and Underserved Children	PA-14-034
Women & Sex/Gender Differences in Drug and Alcohol Abuse/Dependence	PA-14-036
Mechanisms of Behavior Change in the Treatment of Alcohol Use Disorders	PAR-14-053
Pilot and Feasibility Clinical Research Grants in Arthritis and Musculoskeletal and Skin Diseases	PAR-14-060

Career Development Awards (K Series)

NIH Pathway to Independence Award (Parent K99/R00)	PA-14-042
Mentored Research Scientist Development Award (Parent K01)	PA-14-044
Independent Scientist Award (Parent K02)	PA-14-045
Mentored Clinical Scientist Research Career Development Award (Parent K08)	PA-14-046
Midcareer Investigator Award in Patient-Oriented Research (Parent K24)	PA-14-047
Mentored Quantitative Research Development Award (Parent K25)	PA-14-048
Mentored Patient-Oriented Research Career Development Award (Parent K23)	PA-14-049
NIDCR Dentist Scientist Pathway to Independence Award (K99/R00)	PAR-14-057

Intramural Funding Opportunities**ATSU Community Health Research Program ← NEW****Deadline:** April 1, 2014**Award Amount:** up to \$2,000**Project Period:** up to 2 years; funds available June 1, 2014**Purpose:** Directed to problems and concerns of the community with the goal of demonstrating solutions which can be implemented by:

- Communities themselves
- Contributing to the existing public health body of knowledge
- Helping to develop a cadre of public health researchers with competency in helping communities find solutions to their local problems.

F. Herbert Fields, DO, Memorial Research Fund**Deadline:** April 1, 2014**Project Period:** 1 year; funds available June 1, 2014**Purpose:** To support worthy osteopathic research. The Fields Fund supports research that investigates orthomolecular therapy, including interrelationships in the areas of nutrition analysis and therapy.**ATSU Aging Studies Project Grant Program ← NEW****Deadline:** April 1, 2014**Award Amount:** up to \$1,000**Project Period:** up to 2 years; funds available June 1, 2014**Purpose:** Proposals must match the mission and goals of the Aging Studies Project which include:

- Service learning outreach to community elders and service agencies, with the goal of bringing all students into direct contact with community-based elders and expanding learning resources for community members.
- Advancement of opportunities for interprofessional clinical interaction to strengthen student capacity for the interprofessional teamwork needed, especially for geriatric care.
- Development of aging-focused education modules for use by all schools, departments, and partners to enhance student knowledge and understanding of care of older adults.

Intramural Funding Opportunities *continued***Warner/Fermaturo and the ATSU Board of Trustees Research Funds****Deadline:** April 1, 2014**Award Amount:** up to \$4,000**Project Period:** 2 years; funds available June 1, 2014**Purpose:** To provide initial and/or interim support of promising faculty research projects. Funds may be used only for highly promising pilot projects and for short-range continuation of existing projects for which sufficient funds cannot be immediately obtained from other sources.**ATSU Strategic Research Fund (SRF)****Deadline:** April 1, 2014**Project Period:** 1 year; funds available June 1, 2014**Purpose:** To provide seed money to advance the development of a strong clinical research base to provide a scientific foundation for whole person healthcare, as well as to provide pilot data for obtaining extramural funding to support such research. *Funding preferences are awarded to interdisciplinary projects, as well as to those projects that involve novice ATSU faculty and/or students as members of the research team.**Extramural Funding Opportunity****Robert Wood Johnson Foundation Clinical Scholars — 2013-2014 Call for Proposals****Deadline:** February 28, 2014**Award Amount:** The first-year scholar RWJF stipend is \$69,500 with an increase in the second year.**Purpose:** The Robert Wood Johnson Foundation (RWJF) and the U.S. Department of Veterans Affairs (VA) are collaborating to foster the development of physicians who will lead the transformation of Americans' health and healthcare through the *Robert Wood Johnson Foundation Clinical Scholars* program. These future leaders will conduct innovative research and work with communities, organizations, practitioners, and policy-makers to address issues essential to the health and well-being of all Americans.**NIH Mechanism Spotlight****Important Note:** NIH Institutes and Centers (ICs) may vary in the way they use activity codes; not all ICs accept applications for all types of grant programs or they may apply specialized eligibility criteria. Look closely at funding opportunity announcements (FOAs) to determine which ICs participate and the specifics of eligibility.

Being some of NIH's most competitive mechanisms, R01 and R21, awards generally go to PIs of national reputation at top-notch (Level 1) research institutions. Desirable PIs are formally trained and highly experienced researchers, with an impeccable CV/track record, including peer-reviewed publications specific to the proposal at hand. In fact, peer-reviewed publications are critical both before and after the award.

*Any ATSU researcher interested in an NIH funding mechanism is strongly encouraged to establish an ongoing relationship with program officer(s) at the relevant NIH Institute/Center—up to one year prior to submission.

NIH Research Project Grant Program (R01)The Research Project Grant (R01), also known as the gold standard of NIH funding, is the original and historically oldest grant mechanism used by NIH. This mechanism provides support for health-related research and development based on the mission of the NIH. R01s can be investigator-initiated or in response to a program announcement or request for application and allow investigators to define the scientific focus or objective of the research based on a particular area of interest and competence. This is an award made to support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing the investigator's specific interest and competencies, based on the [mission](#) of the NIH.**Key Features:**

- Project period generally 3-5 years (renewable)
- No dollar limit unless specified in FOA (advanced permission required for >\$500,000 per year)
- See parent FOA: [PA-13-302](#)

Application Deadlines:

	New Proposals	Resubmit
Cycle I	February 5	March 5
Cycle II	June 5	July 5
Cycle III	October 5	November 5

	New Proposals	Resubmit
Cycle I	February 5	March 5
Cycle II	June 5	July 5
Cycle III	October 5	November 5

PA Expiration: September 8, 2016

NIH Mechanism Spotlight *continued*

NIH Exploratory/Developmental Research Grant Award (R21)

The R21 grant mechanism is intended to encourage exploratory/developmental research by providing support for the early and conceptual stages of project development. This mechanism seeks exploratory, novel studies that break new ground or extend previous discoveries toward new directions or applications. High risk, high reward studies that may lead to a breakthrough in a particular area, or result in novel techniques, agents, methodologies, models, or applications that will impact biomedical, behavioral, or clinical research are also sought. Projects submitted to the R21 program should be distinct from those supported through the traditional R01 mechanism.

Key Features:

- Project period up to 2 years (non-renewal)
- Direct costs limited to \$275,000 for entire project period
- No preliminary data is generally required
- See parent FOA: [PA-13-303](#)

Application Deadlines:	New Proposals	Resubmit
Cycle I	February 16	March 16
Cycle II	June 16	July 16
Cycle III	October 16	November 16

PA Expiration: September 8, 2016

Featured Items

NIH Announces [SciENCv: A New Biosketch Tool](#)

The National Institutes of Health (NIH) in partnership with six other federal agencies (DOD, DOE, EPA, NSF, USDA, and the Smithsonian), the Federal Demonstration Partnership, and the extramural research community have created a system to provide comprehensive curriculum vita information, while reducing the burdens associated with applying for research support. The system, referred to as the Science Experts Network or [SciENCv](#), allows researchers to maintain and generate biosketches for federal grant applications and progress reports. [SciENCv](#) is available to the public in a beta version. To give the beta version a test run, sign in through [myNCBI](#).

[Patient-Centered Outcomes Research Institute \(PCORI\) – News Updates](#)

The Patient-Centered Outcomes Research Institute (PCORI) is authorized by Congress to conduct research to provide information about the best available evidence to help patients and their healthcare providers make more informed decisions. PCORI's research is intended to give patients a better understanding of the prevention, treatment, and care options available, and the science that supports those options. To date, PCORI has approved 279 awards totaling more than \$464.4 million to fund patient-centered comparative clinical effectiveness research projects. [Click here](#) for recent news on PCORI funding, reports, and other key information.

[Impact of Sequestration Cuts on Research](#)

A recent survey examines the effects of 7 months of sequestration cuts on research at nearly 300 higher education institutions, including 171 research universities.

81% of respondents cited impacts directly affecting their research activity. These ranged from reduction in the number of federal grants and delayed research projects to the inability to purchase research equipment or instrumentation (28%) and cancelled (19%) or delayed (38%) field or experimental work.

The survey was sponsored by the Association of American Universities, the Association of Public and Land-grant Universities, and The Science Coalition.

[PubMed Commons](#)

The NIH's National Library of Medicine has developed a pilot tool, [PubMed Commons](#), designed to enable PubMed authors to share opinions and information about scientific publications in PubMed. All authors of publications in PubMed are eligible to become members. Members of PubMed Commons are essential to ensuring a forum for open constructive criticism and discussion of scientific issues. [Click here](#) for more information on PubMed Commons Guidelines, FAQ, or to sign-up as a beta tester.

Featured Items *continued***NIH Numbers on Research Applications, Funding, and Awards (FY 2013)**

	2012	2013
The overall success rate for competing research project grants (RPGs) declined.	17.6%	16.8%
The average size* of RPGs decreased.	\$454,588	\$441,404
The average size* of RPGs in constant (1999) dollars is the lowest ever since 1999.	\$290,869	\$277,653
In 2013, there was a decrease in the total amount of funding that went to RPGs. **	\$15,923,746,065	\$14,917,675,859
NIH received fewer R01-equivalent grant applications. +	29626	28044
Success rates for R01-equivalent applications decreased.	18.4%	17.5%
The average size* of R01-equivalent awards decreased.	\$419,321	\$405,874
The number of R01-equivalent awards decreased.	5436	4902
R01-equivalents made up a slightly smaller percentage of the total number of RPG awards.	60.2%	59.0%
NIH received fewer R21 grant applications.	13,743	13,229
Success rates for the R21 decreased.	14.1%	13.4%
The number of R21 awards decreased.	1,932	1,771
R21s made up the same percentage of the total number of RPG awards.	21.4%	21.3%
The total number of research grant applications received by NIH decreased.	63,524	61,013

*Average sizes are based on competing and non-competing awards from all funding sources.

**Amount of funding is the total competing and non-competing amount for each fiscal year, and not for the life of the project. Includes awards made with Direct Budget Authority, Superfund Budget Authority, and Reimbursable funds.

+ R01-equivalents include R01s and R37s. 98% of R01-equivalent awards are R01s.

– See more at: <http://nexus.od.nih.gov/all/2014/01/10/fy2013-by-the-numbers/#sthash.rTTXdQEu.dpuf>